

A. Salimi



1600

RAW SEQUENCE LISTING

DATE: 11/27/2002

PATENT APPLICATION: US/09/701,080C

TIME: 09:19:16

Input Set : A:\EP.txt

Output Set: N:\CRF4\11272002\I701080C.raw

3 <110> APPLICANT: INSTITUTE OF MOLECULAR AND CELL BIOLOGY
 5 <120> TITLE OF INVENTION: POLYPEPTIDES FROM CREB BINDING PROTEIN AND RELATED PROTEIN
 P300 FOR USE IN
 6 TRANSCRIPTIONAL REGULATION
 8 <130> FILE REFERENCE: N73477C GCW
 10 <140> CURRENT APPLICATION NUMBER: US 09/701080C
 11 <141> CURRENT FILING DATE: 2001-02-27
 13 <150> PRIOR APPLICATION NUMBER: GB 9811303.8
 14 <151> PRIOR FILING DATE: 1998-05-26
 16 <150> PRIOR APPLICATION NUMBER: GB 9900157.0
 17 <151> PRIOR FILING DATE: 1999-01-05
 19 <160> NUMBER OF SEQ ID NOS: 36
 21 <170> SOFTWARE: PatentIn Ver. 2.1
 24 <210> SEQ ID NO: 1
 25 <211> LENGTH: 12
 26 <212> TYPE: PRT
 27 <213> ORGANISM: Artificial Sequence
 29 <220> FEATURE:
 30 <221> NAME/KEY: VARIANT
 31 <222> LOCATION: (1)
 32 <223> OTHER INFORMATION: Xaa represents Lys or Arg
 34 <220> FEATURE:
 35 <221> NAME/KEY: VARIANT
 36 <222> LOCATION: (2)
 37 <223> OTHER INFORMATION: Xaa represents Lys or Arg
 39 <220> FEATURE:
 40 <221> NAME/KEY: VARIANT
 41 <222> LOCATION: (3)
 42 <223> OTHER INFORMATION: Xaa represents any amino acid
 44 <220> FEATURE:
 45 <221> NAME/KEY: VARIANT
 46 <222> LOCATION: (5)
 47 <223> OTHER INFORMATION: Xaa represents any amino acid
 49 <220> FEATURE:
 50 <221> NAME/KEY: VARIANT
 51 <222> LOCATION: (6)
 52 <223> OTHER INFORMATION: Xaa represents any amino acid
 54 <220> FEATURE:
 55 <221> NAME/KEY: VARIANT
 56 <222> LOCATION: (9)
 57 <223> OTHER INFORMATION: Xaa is Val or Ile
 59 <220> FEATURE:
 60 <221> NAME/KEY: VARIANT
 61 <222> LOCATION: (11)

ENTERED

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62 <223> OTHER INFORMATION: Xaa represents Lys or Arg
64 <220> FEATURE:
65 <221> NAME/KEY: VARIANT
66 <222> LOCATION: (12)
67 <223> OTHER INFORMATION: Xaa represents any amino acid
69 <220> FEATURE:
70 <223> OTHER INFORMATION: Description of Artificial Sequence: consensus sequence of transcriptional
71 adaptor motif (TRAM)
73 <400> SEQUENCE: 1
W--> 74 Xaa Xaa Xaa Asn Xaa Xaa Cys Pro Xaa Cys Xaa Xaa
75 1 5 10
78 <210> SEQ ID NO: 2
79 <211> LENGTH: 13
80 <212> TYPE: PRT
81 <213> ORGANISM: Artificial Sequence
83 <220> FEATURE:
84 <221> NAME/KEY: VARIANT
85 <222> LOCATION: (1)
86 <223> OTHER INFORMATION: Xaa represents Lys or Arg
88 <220> FEATURE:
89 <221> NAME/KEY: VARIANT
90 <222> LOCATION: (2)
91 <223> OTHER INFORMATION: Xaa represents Lys or Arg
93 <220> FEATURE:
94 <221> NAME/KEY: VARIANT
95 <222> LOCATION: (3)
96 <223> OTHER INFORMATION: Xaa represents any amino acid
98 <220> FEATURE:
99 <221> NAME/KEY: VARIANT
100 <222> LOCATION: (5)
101 <223> OTHER INFORMATION: Xaa represents any amino acid
103 <220> FEATURE:
104 <221> NAME/KEY: VARIANT
105 <222> LOCATION: (6)
106 <223> OTHER INFORMATION: Xaa represents any amino acid
108 <220> FEATURE:
109 <221> NAME/KEY: VARIANT
110 <222> LOCATION: (9)
111 <223> OTHER INFORMATION: Xaa represents Val or Ile
113 <220> FEATURE:
114 <221> NAME/KEY: VARIANT
115 <222> LOCATION: (11)
116 <223> OTHER INFORMATION: where Xaa represents Lys or Arg
118 <220> FEATURE:
119 <221> NAME/KEY: VARIANT
120 <222> LOCATION: (12)
121 <223> OTHER INFORMATION: Xaa represents any amino acid
123 <220> FEATURE:
124 <223> OTHER INFORMATION: Description of Artificial Sequence: consensus sequence of transcriptional

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```

125      adaptor
126      motif (TRAM)
128 <400> SEQUENCE: 2
W--> 129 Xaa Xaa Xaa Asn Xaa Xaa Cys Pro Xaa Cys Xaa Xaa Ile
130      1              5              10
133 <210> SEQ ID NO: 3
134 <211> LENGTH: 12
135 <212> TYPE: PRT
136 <213> ORGANISM: Artificial Sequence
138 <220> FEATURE:
139 <223> OTHER INFORMATION: Description of Artificial Sequence:derived from CBP
141 <400> SEQUENCE: 3
142 Arg Lys Thr Asn Gly Gly Cys Pro Val Cys Lys Gln
143      1              5              10
146 <210> SEQ ID NO: 4
147 <211> LENGTH: 14
148 <212> TYPE: PRT
149 <213> ORGANISM: Artificial Sequence
151 <220> FEATURE:
152 <223> OTHER INFORMATION: Description of Artificial Sequence:derived from CBP
154 <400> SEQUENCE: 4
155 Arg Lys Thr Asn Gly Gly Cys Pro Val Cys Lys Gln Pro Ile
156      1              5              10
159 <210> SEQ ID NO: 5
160 <211> LENGTH: 19
161 <212> TYPE: PRT
162 <213> ORGANISM: Artificial Sequence
164 <220> FEATURE:
165 <223> OTHER INFORMATION: Description of Artificial Sequence:derived from CBP
167 <400> SEQUENCE: 5
168 Gly Cys Lys Arg Lys Thr Asn Gly Gly Cys Pro Val Cys Lys Gln Leu
169      1              5              10              15
171 Ile Ala Leu
174 <210> SEQ ID NO: 6
175 <211> LENGTH: 12
176 <212> TYPE: PRT
177 <213> ORGANISM: Artificial Sequence
179 <220> FEATURE:
180 <223> OTHER INFORMATION: Description of Artificial Sequence:derived from Mdm-2
182 <400> SEQUENCE: 6
183 Lys Lys Arg Asn Lys Pro Cys Pro Val Cys Arg Gln
184      1              5              10
187 <210> SEQ ID NO: 7
188 <211> LENGTH: 14
189 <212> TYPE: PRT
190 <213> ORGANISM: Artificial Sequence
192 <220> FEATURE:
193 <223> OTHER INFORMATION: Description of Artificial Sequence:derived from Mdm-2
195 <400> SEQUENCE: 7

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```

196 Lys Lys Arg Asn Lys Pro Cys Pro Val Cys Arg Gln Pro Ile
197   1           5           10
200 <210> SEQ ID NO: 8
201 <211> LENGTH: 12
202 <212> TYPE: PRT
203 <213> ORGANISM: Artificial Sequence
205 <220> FEATURE:
206 <223> OTHER INFORMATION: Description of Artificial Sequence:derived from p300
208 <400> SEQUENCE: 8
209 Arg Lys Thr Asn Gly Gly Cys Pro Ile Cys Lys Gln
210   1           5           10
213 <210> SEQ ID NO: 9
214 <211> LENGTH: 14
215 <212> TYPE: PRT
216 <213> ORGANISM: Artificial Sequence
218 <220> FEATURE:
219 <223> OTHER INFORMATION: Description of Artificial Sequence:derived from p300
221 <400> SEQUENCE: 9
222 Arg Lys Thr Asn Gly Gly Cys Pro Ile Cys Lys Gln Leu Ile
223   1           5           10
226 <210> SEQ ID NO: 10
227 <211> LENGTH: 7
228 <212> TYPE: PRT
229 <213> ORGANISM: Artificial Sequence
231 <220> FEATURE:
232 <221> NAME/KEY: VARIANT
233 <222> LOCATION: (2)
234 <223> OTHER INFORMATION: Xaa represents any amino acid
236 <220> FEATURE:
237 <221> NAME/KEY: VARIANT
238 <222> LOCATION: (3)
239 <223> OTHER INFORMATION: Xaa represents Glu or Asp
241 <220> FEATURE:
242 <221> NAME/KEY: VARIANT
243 <222> LOCATION: (4)..(6)
244 <223> OTHER INFORMATION: Xaa represents any amino acid
246 <220> FEATURE:
247 <223> OTHER INFORMATION: Description of Artificial Sequence: consensus sequence of
Transcriptional
248   interaction motif(TRIM)
250 <400> SEQUENCE: 10
W--> 251 Phe Xaa Xaa Xaa Xaa Xaa Leu
252   1           5
255 <210> SEQ ID NO: 11
256 <211> LENGTH: 7
257 <212> TYPE: PRT
258 <213> ORGANISM: Artificial Sequence
260 <220> FEATURE:
261 <223> OTHER INFORMATION: Description of Artificial Sequence: derived from E1A
263 <400> SEQUENCE: 11

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RAW SEQUENCE LISTING

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Input Set : A:\EP.txt

Output Set: N:\CRF4\11272002\I701080C.raw

264 Phe Pro Glu Ser Leu Ile Leu
265 1 5
268 <210> SEQ ID NO: 12
269 <211> LENGTH: 7
270 <212> TYPE: PRT
271 <213> ORGANISM: Artificial Sequence
273 <220> FEATURE:
274 <223> OTHER INFORMATION: Description of Artificial Sequence:derived from p53
276 <400> SEQUENCE: 12
277 Phe Ser Asp Leu Trp Lys Leu
278 1 5
281 <210> SEQ ID NO: 13
282 <211> LENGTH: 7
283 <212> TYPE: PRT
284 <213> ORGANISM: Artificial Sequence
286 <220> FEATURE:
287 <223> OTHER INFORMATION: Description of Artificial Sequence:derived from TFIIB
289 <400> SEQUENCE: 13
290 Phe Lys Glu Ile Thr Thr Met
291 1 5
294 <210> SEQ ID NO: 14
295 <211> LENGTH: 7
296 <212> TYPE: PRT
297 <213> ORGANISM: Artificial Sequence
299 <220> FEATURE:
300 <223> OTHER INFORMATION: Description of Artificial Sequence:derived from YY1
302 <400> SEQUENCE: 14
303 Phe Glu Asp Gln Ile Leu Ile
304 1 5
307 <210> SEQ ID NO: 15
308 <211> LENGTH: 7
309 <212> TYPE: PRT
310 <213> ORGANISM: Artificial Sequence
312 <220> FEATURE:
313 <223> OTHER INFORMATION: Description of Artificial Sequence:derived from YY1
315 <400> SEQUENCE: 15
316 Phe Arg Asp Asn Ser Ala Met
317 1 5
320 <210> SEQ ID NO: 16
321 <211> LENGTH: 7
322 <212> TYPE: PRT
323 <213> ORGANISM: Artificial Sequence
325 <220> FEATURE:
326 <223> OTHER INFORMATION: Description of Artificial Sequence:derived from YY1
328 <400> SEQUENCE: 16
329 Phe Val Glu Ser Ser Lys Leu
330 1 5
333 <210> SEQ ID NO: 17
334 <211> LENGTH: 7

RAW SEQUENCE LISTING ERROR SUMMARY
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Input Set : A:\EP.txt
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Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:1; Xaa Pos. 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12
Seq#:2; Xaa Pos. 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12
Seq#:10; Xaa Pos. 1, 2, 3, 4, 5, 6

Invalid Line Length:

The rules require that a line not exceed 72 characters in length. This includes spaces.

Seq#:1; Line(s) 1, 5, 70

VERIFICATION SUMMARY

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Input Set : A:\EP.txt

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L:74 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:0
L:129 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:0
L:251 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:10 after pos.:0
L:498 M:283 W: Missing Blank Line separator, <400> field identifier